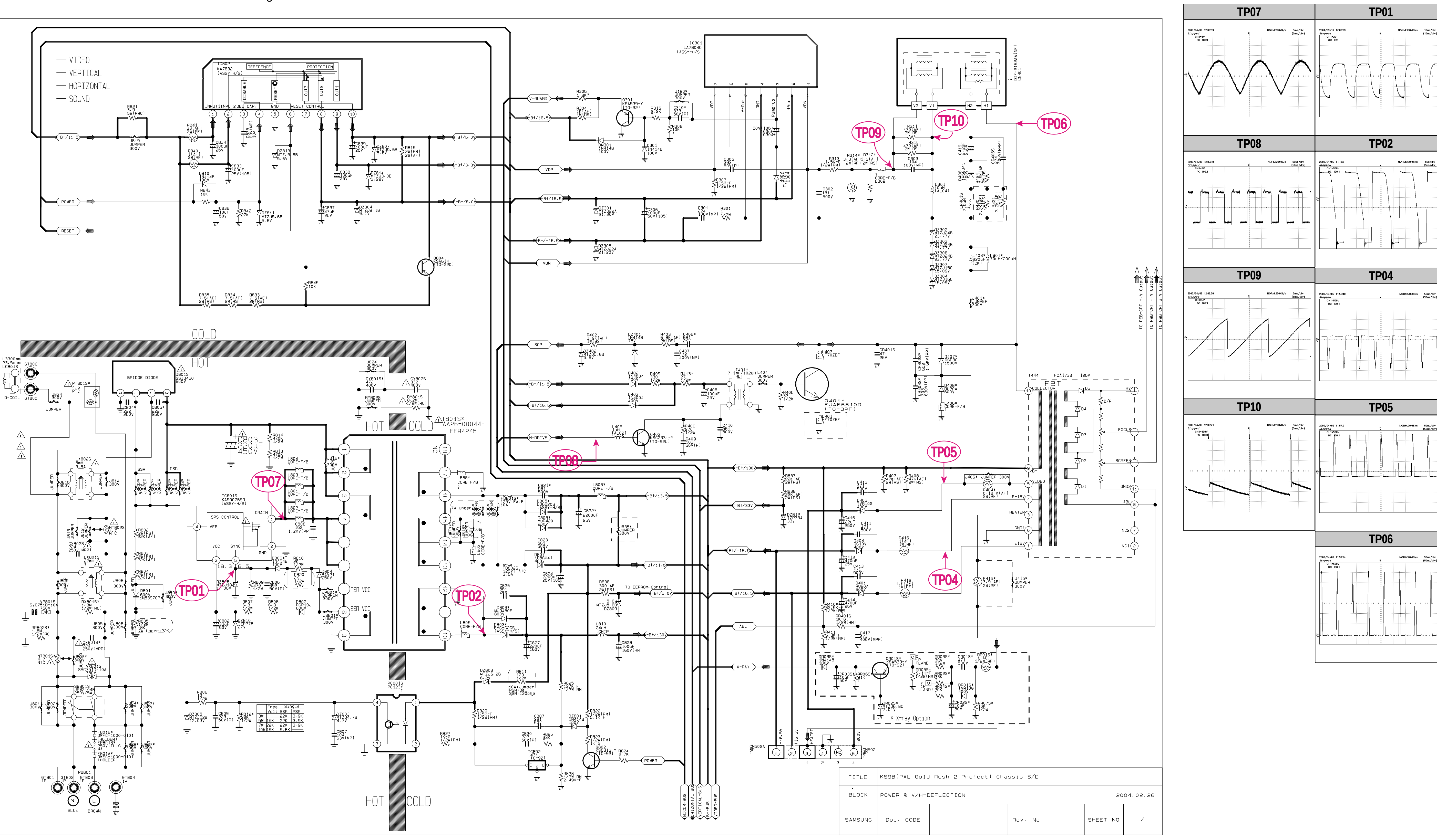
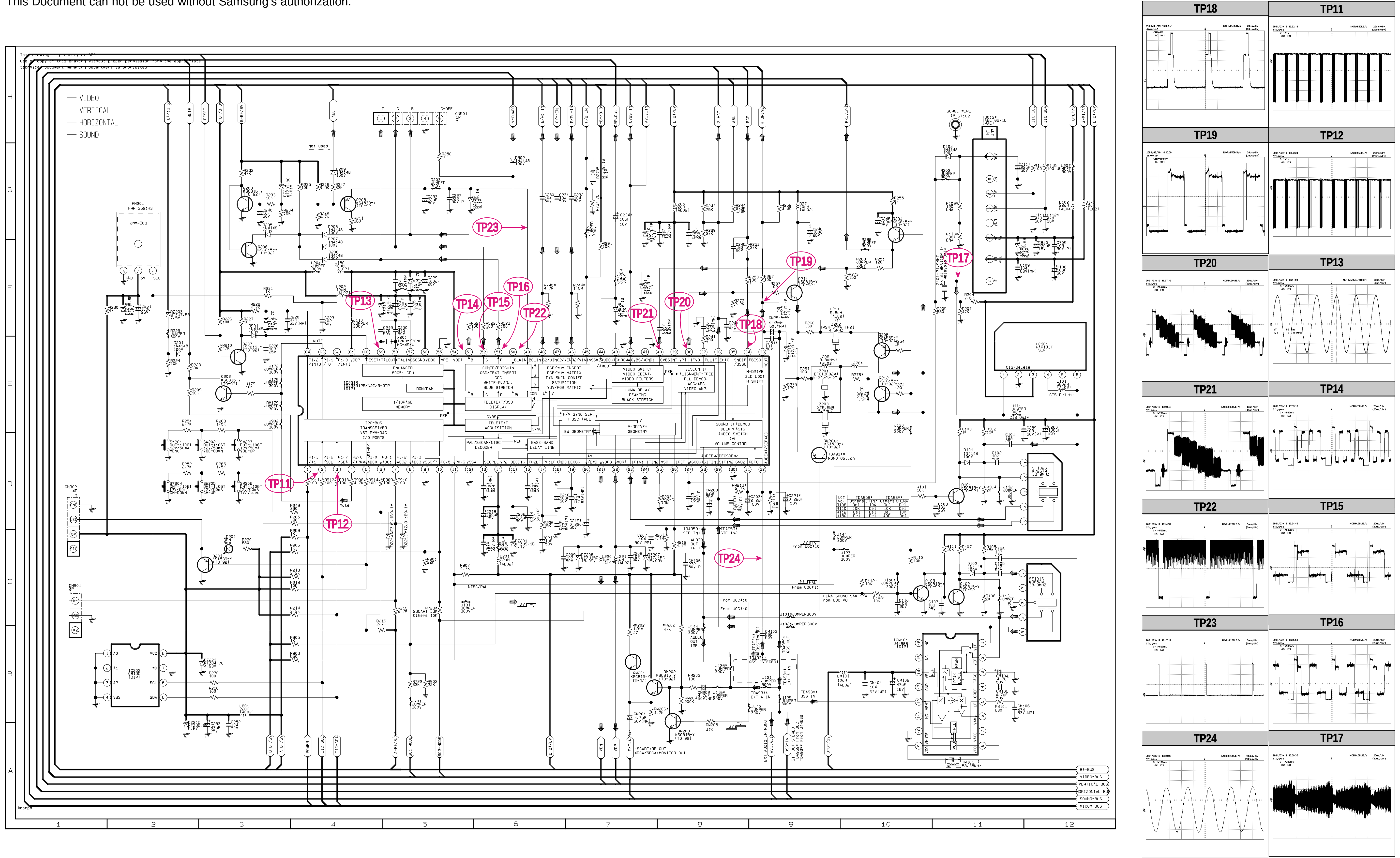
6. Schematic Diagrams

6-1 MAIN 1

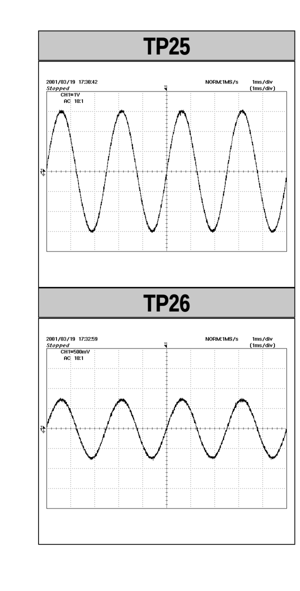


6-2 MAIN 2

This Document can not be used without Samsung's authorization.



6-3 MAIN 3



TP25

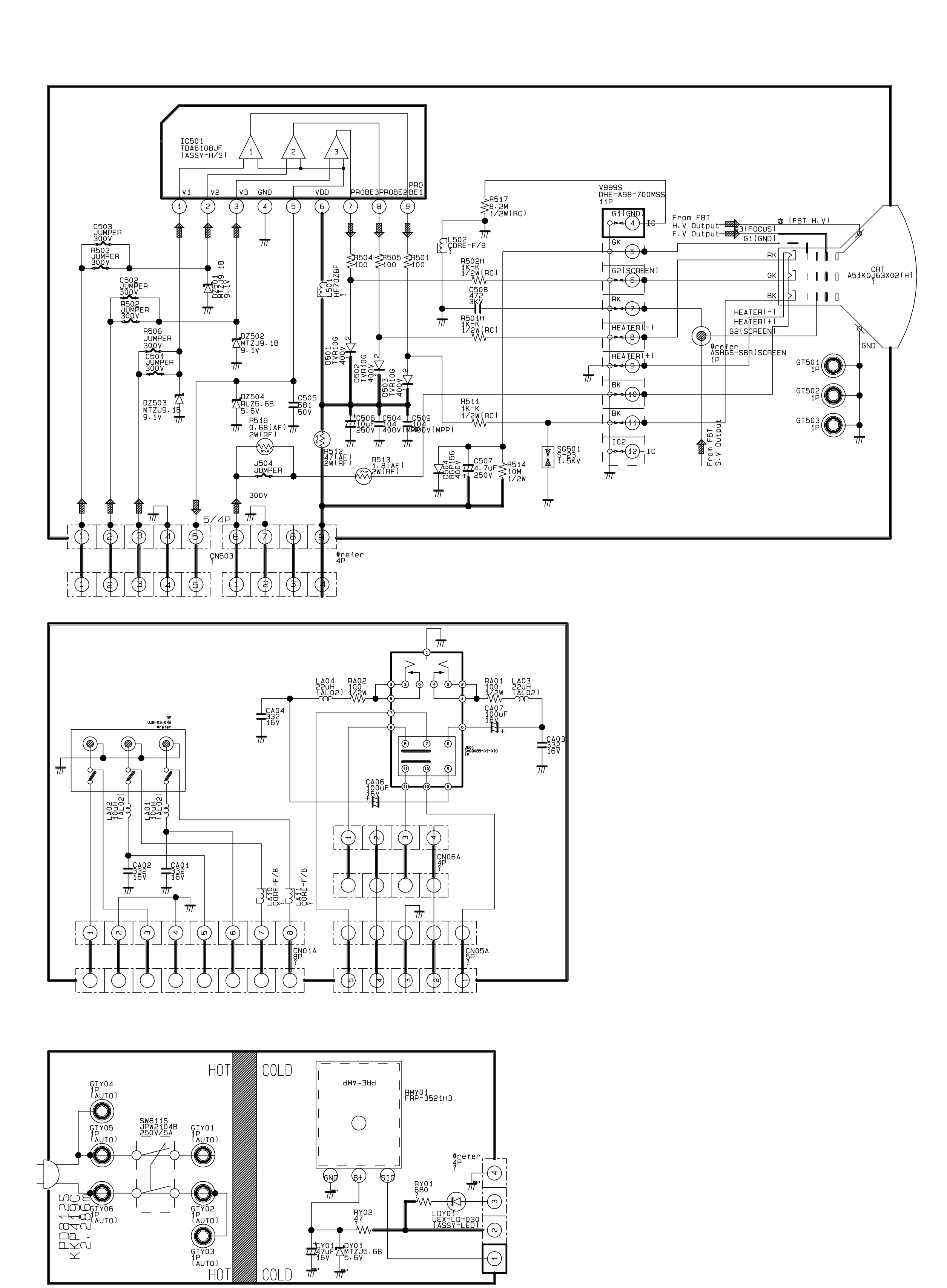
TP26

— VIDEO
— VERTICAL
— HORIZONTAL
— SOUND

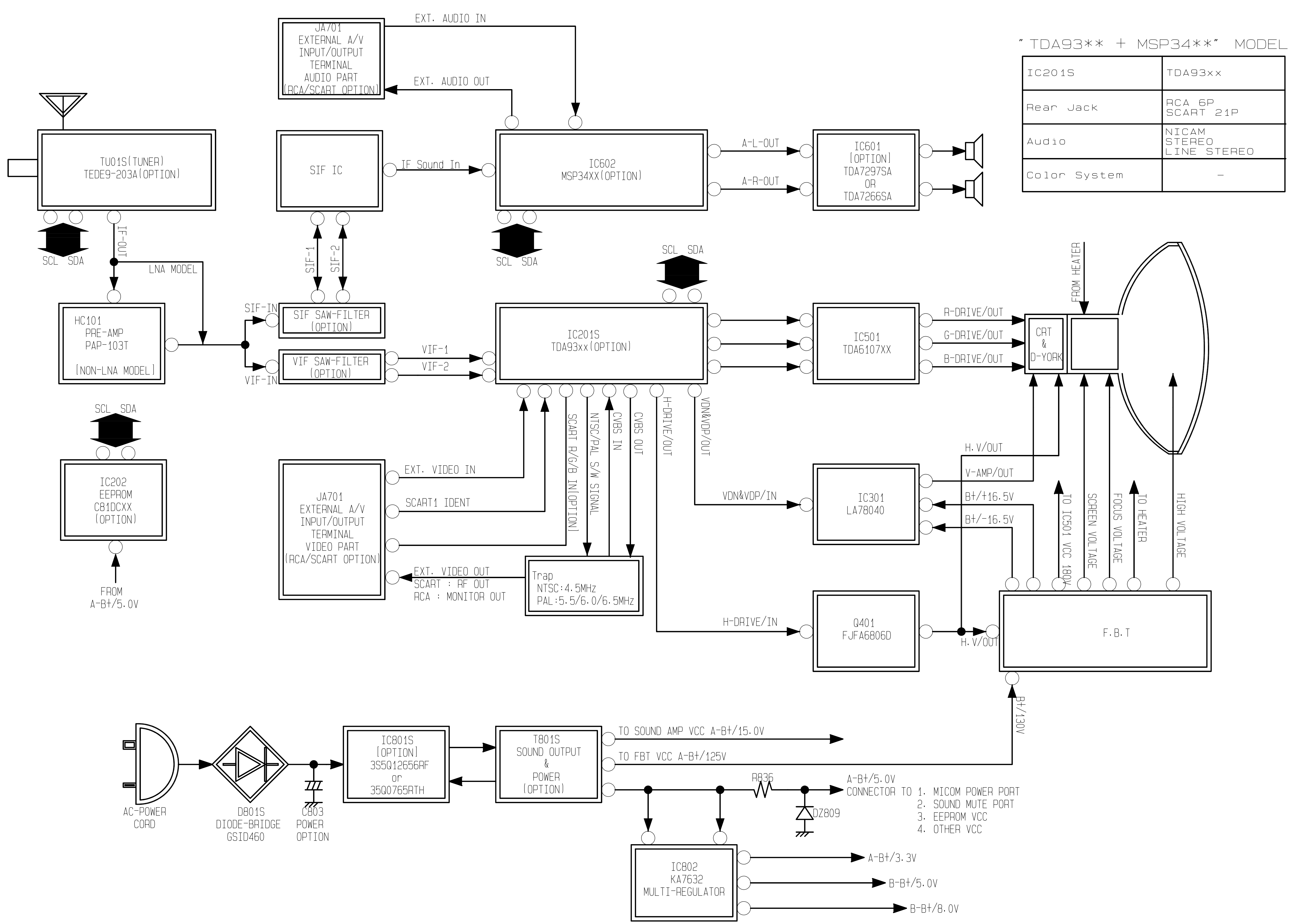
TITLE	KS9B(PAL Gold Rush 2 Project) Chassis S/D				
BLOCK	A/V(RCA+DVD/2SCART) SOUND PROCESS				
SAMSUNG	Doc. Code	Rev. No		SHEET NO	/

SOUND MAX OUT	7W	10W
IC601	TDA7266SA	TDA7297SA

6-4 MAIN 4

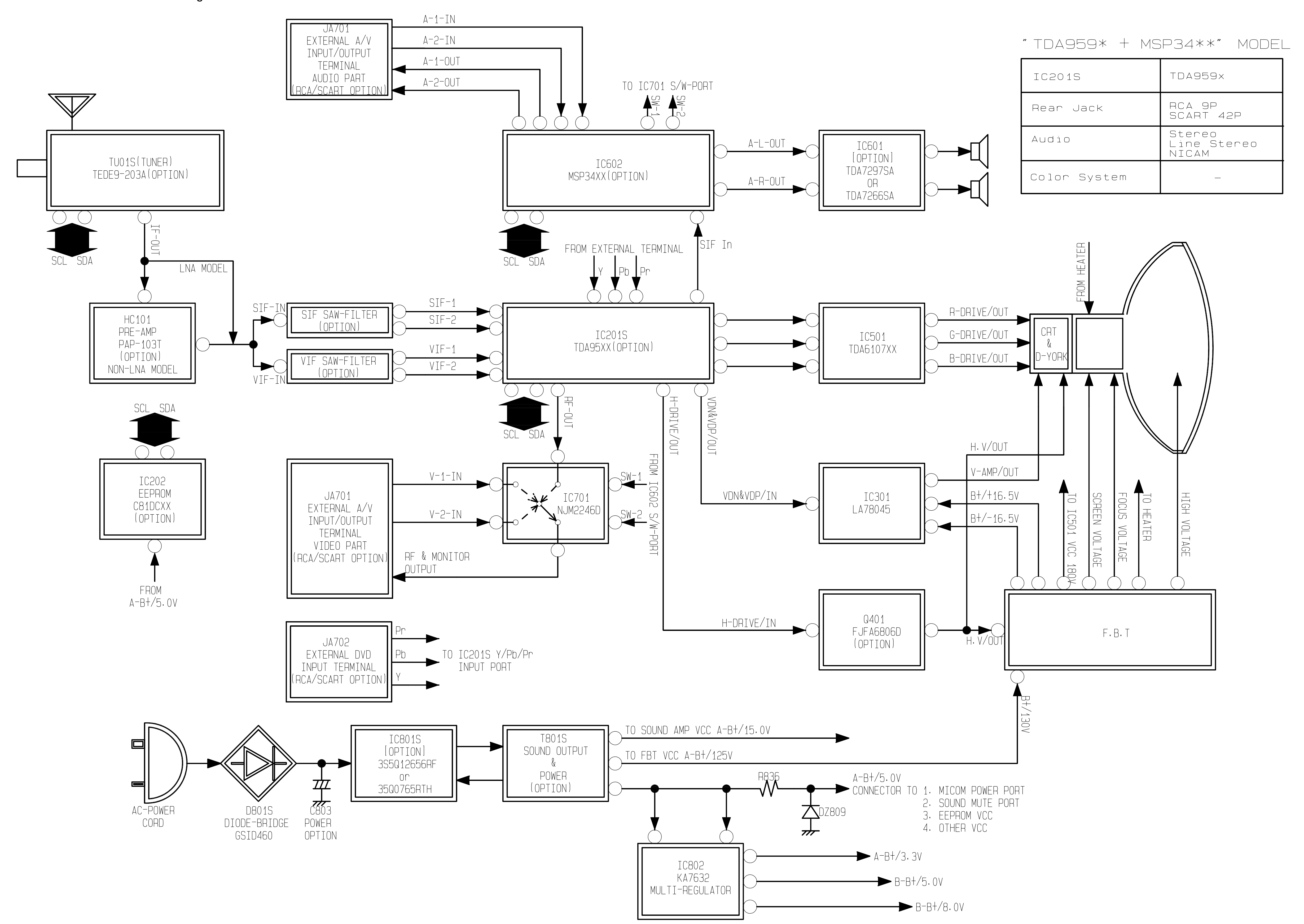


6-5 MAIN 5



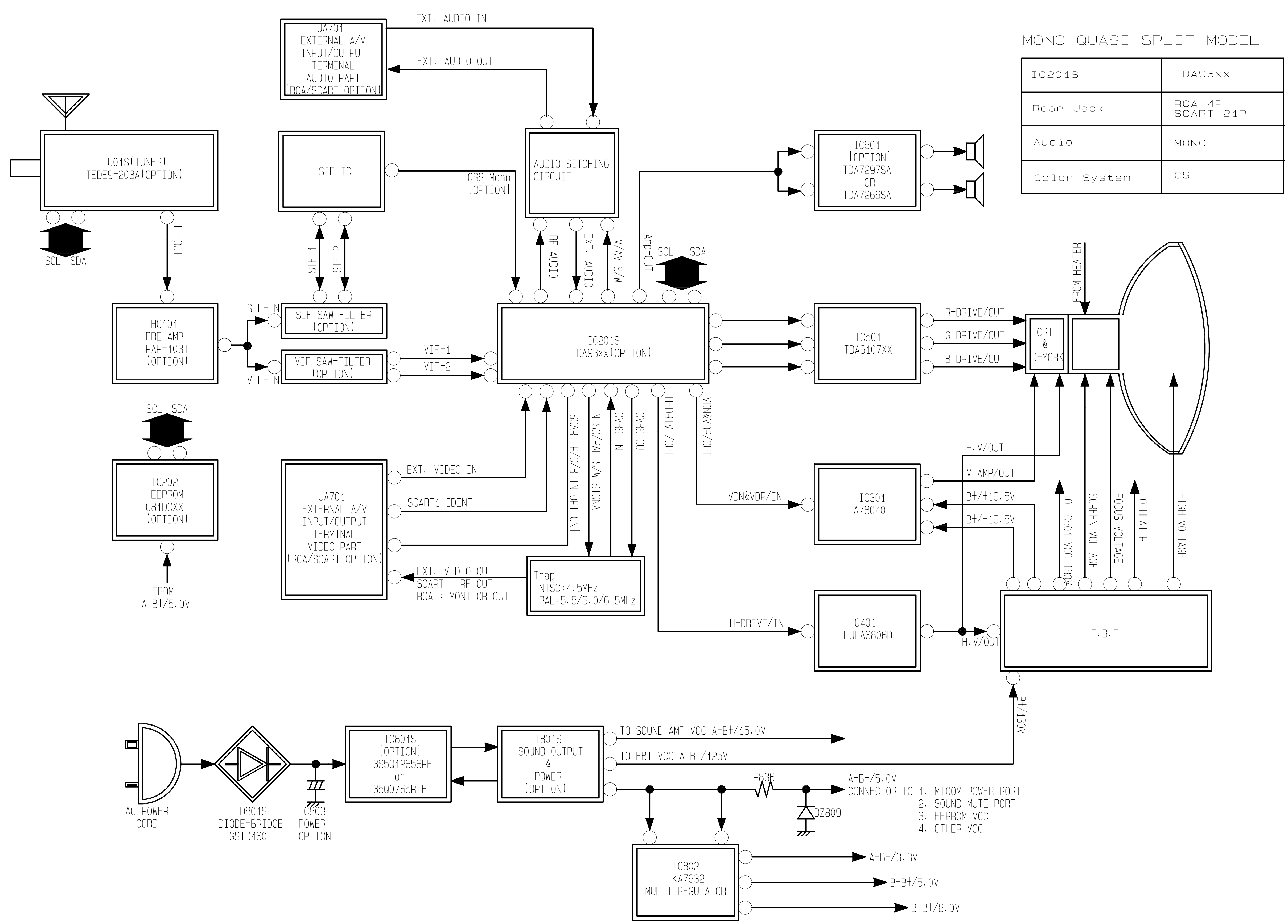
"TDA93** + MSP34**" MODEL
IC201S
TDA93xx
Rear Jack
RCA 6P
SCART 21P
Audio
NICAM
STEREO
LINE STEREO
Color System
-
JA701
EXTERNAL A/V
INPUT/OUTPUT
TERMINAL
AUDIO PART
(RCA/SCART OPTION)
EXT. AUDIO IN
EXT. AUDIO OUT
TU01S(TUNER)
TEDE9-203A(OPTION)
SIF IC
IF Sound In
IC602
MSP34XX(OPTION)
A-L-OUT
A-R-OUT
IC601
(OPTION)
TDA7297SA
OR
TDA7266SA
SCL SDA
IF-OUT
LNA MODEL
SIF-1
SIF-2
HC101
PRE-AMP
PAP-103T
(NON-LNA MODEL)
SIF-IN
VIF-IN
SIF SAW-FILTER
(OPTION)
VIF SAW-FILTER
(OPTION)
VIF-1
VIF-2
IC201S
TDA93xx(OPTION)
IC501
TDA6107XX
R-DRIVE/OUT
G-DRIVE/OUT
B-DRIVE/OUT
CRT
&
D-YORK
FROM HEATER
IC202
EEPROM
C81DCXX
(OPTION)
FROM
A-B+/5.0V
JA701
EXTERNAL A/V
INPUT/OUTPUT
TERMINAL
VIDEO PART
(RCA/SCART OPTION)
EXT. VIDEO IN
SCART1 IDENT
EXT. VIDEO OUT
SCART : RF OUT
RCA : MONITOR OUT
SCART R/G/B IN(OPTION)
NTSC/PAL S/W SIGNAL
CVBS IN
CVBS OUT
H-DRIVE/OUT
VDN&VDP/OUT
Trap
NTSC:4.5MHz
PAL:5.5/6.0/6.5MHz
VDN&VDP/IN
IC301
LA78040
H.V/OUT
V-AMP/OUT
B+/+16.5V
B+/-16.5V
TO IC501 VCC 180V
SCREEN VOLTAGE
FOCUS VOLTAGE
TO HEATER
HIGH VOLTAGE
H-DRIVE/IN
Q401
FJFA6806D
H.V/OUT
F.B.T
B+/130V
AC-POWER
CORD
D801S
DIODE-BRIDGE
GSID460
C803
POWER
OPTION
IC801S
(OPTION)
3S5Q12656RF
or
35Q0765RTH
T801S
SOUND OUTPUT
&
POWER
(OPTION)
TO SOUND AMP VCC A-B+/15.0V
TO FBT VCC A-B+/125V
R836
ZD809
A-B+/5.0V
CONNECTOR TO 1. MICOM POWER PORT
2. SOUND MUTE PORT
3. EEPROM VCC
4. OTHER VCC
IC802
KA7632
MULTI-REGULATOR
A-B+/3.3V
B-B+/5.0V
B-B+/8.0V

6-6 MAIN 6


"TDA959* + MSP34**" MODEL
IC201S TDA959x
Rear Jack RCA 9P SCART 42P
Audio Stereo Line Stereo NICAM
Color System -
JA701 EXTERNAL A/V INPUT/OUTPUT TERMINAL AUDIO PART (RCA/SCART OPTION)
A-1-IN
A-2-IN
A-1-OUT
A-2-OUT
TO IC701 S/W-PORT
SW-1
SW-2
TU01S(TUNER) TEDE9-203A(OPTION)
IC602 MSP34XX(OPTION)
A-L-OUT
A-R-OUT
IC601 (OPTION) TDA7297SA OR TDA7266SA
SCL SDA
IF-OUT
LNA MODEL
FROM EXTERNAL TERMINAL
Y Pb Pr
SIF In
FROM HEATER
HC101 PRE-AMP PAP-103T (OPTION) NON-LNA MODEL
SIF-IN
VIF-IN
SIF SAW-FILTER (OPTION)
VIF SAW-FILTER (OPTION)
SIF-1
SIF-2
VIF-1
VIF-2
IC201S TDA95XX(OPTION)
IC501 TDA6107XX
R-DRIVE/OUT
G-DRIVE/OUT
B-DRIVE/OUT
CRT & D-YORK
RF-OUT
H-DRIVE/OUT
VDN&VDP/OUT
IC202 EEPROM C81DCXX (OPTION)
FROM A-B+/5.0V
JA701 EXTERNAL A/V INPUT/OUTPUT TERMINAL VIDEO PART (RCA/SCART OPTION)
V-1-IN
V-2-IN
RF & MONITOR OUTPUT
IC701 NJM2246D
FROM IC602 S/W-PORT
VDN&VDP/IN
IC301 LA78045
H.V/OUT
V-AMP/OUT
B+/+16.5V
B+/-16.5V
TO IC501 VCC 180V
SCREEN VOLTAGE
FOCUS VOLTAGE
TO HEATER
HIGH VOLTAGE
H-DRIVE/IN
Q401 FJFA6806D (OPTION)
F.B.T
JA702 EXTERNAL DVD INPUT TERMINAL (RCA/SCART OPTION)
Pr
Pb
Y
TO IC201S Y/Pb/Pr INPUT PORT
B+/130V
AC-POWER CORD
D801S DIODE-BRIDGE GSID460
C803 POWER OPTION
IC801S (OPTION) 3S5Q12656RF or 35Q0765RTH
T801S SOUND OUTPUT & POWER (OPTION)
TO SOUND AMP VCC A-B+/15.0V
TO FBT VCC A-B+/125V
R836
A-B+/5.0V
CONNECTOR TO 1. MICOM POWER PORT
2. SOUND MUTE PORT
3. EEPROM VCC
4. OTHER VCC
DZ809
IC802 KA7632 MULTI-REGULATOR
A-B+/3.3V
B-B+/5.0V
B-B+/8.0V

6-7 MAIN 7

This Document can not be used without Samsung's authorization.

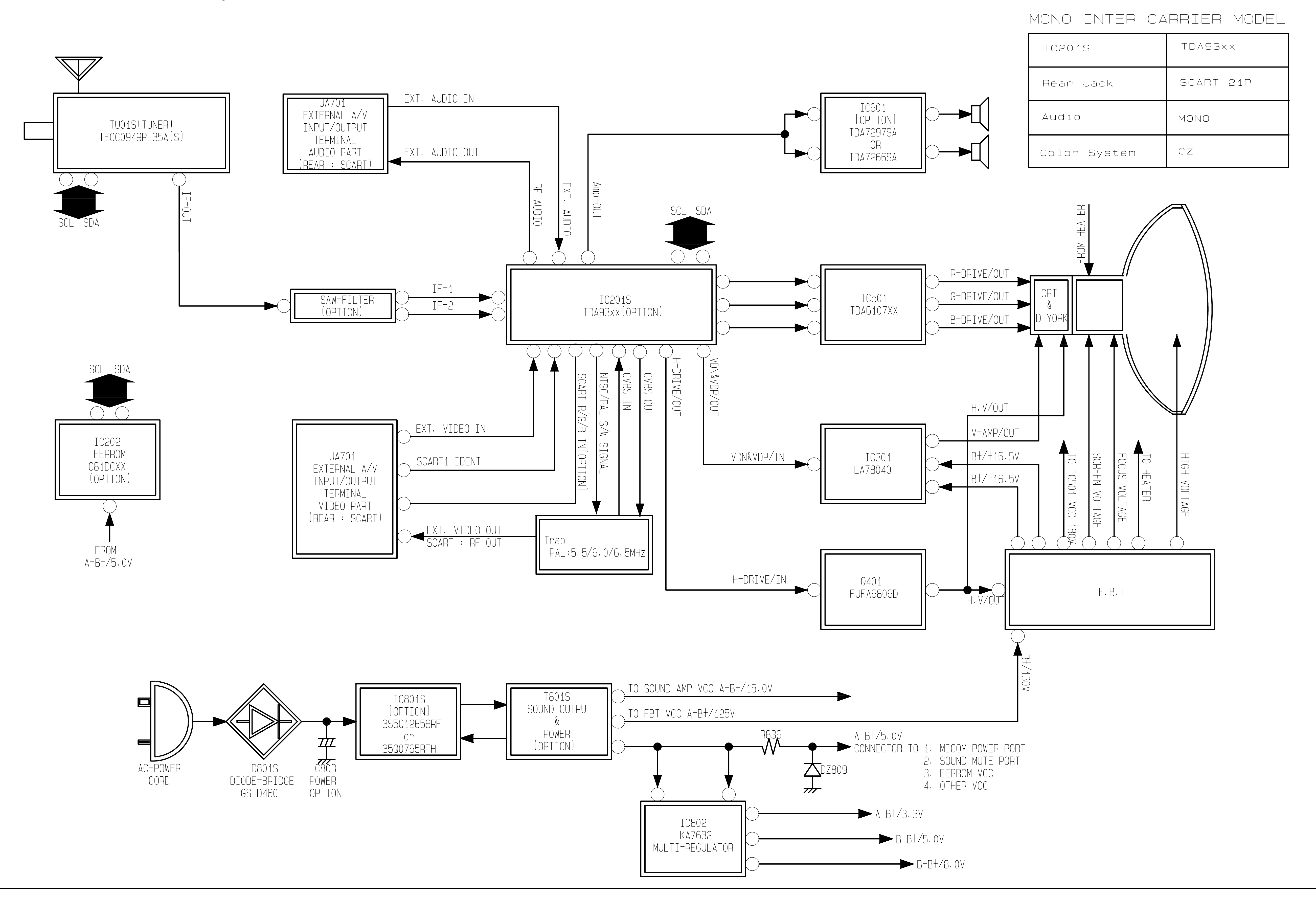


IC201S	TDA93xx
Rear Jack	RCA 4P SCART 21P
Audio	MONO
Color System	CS

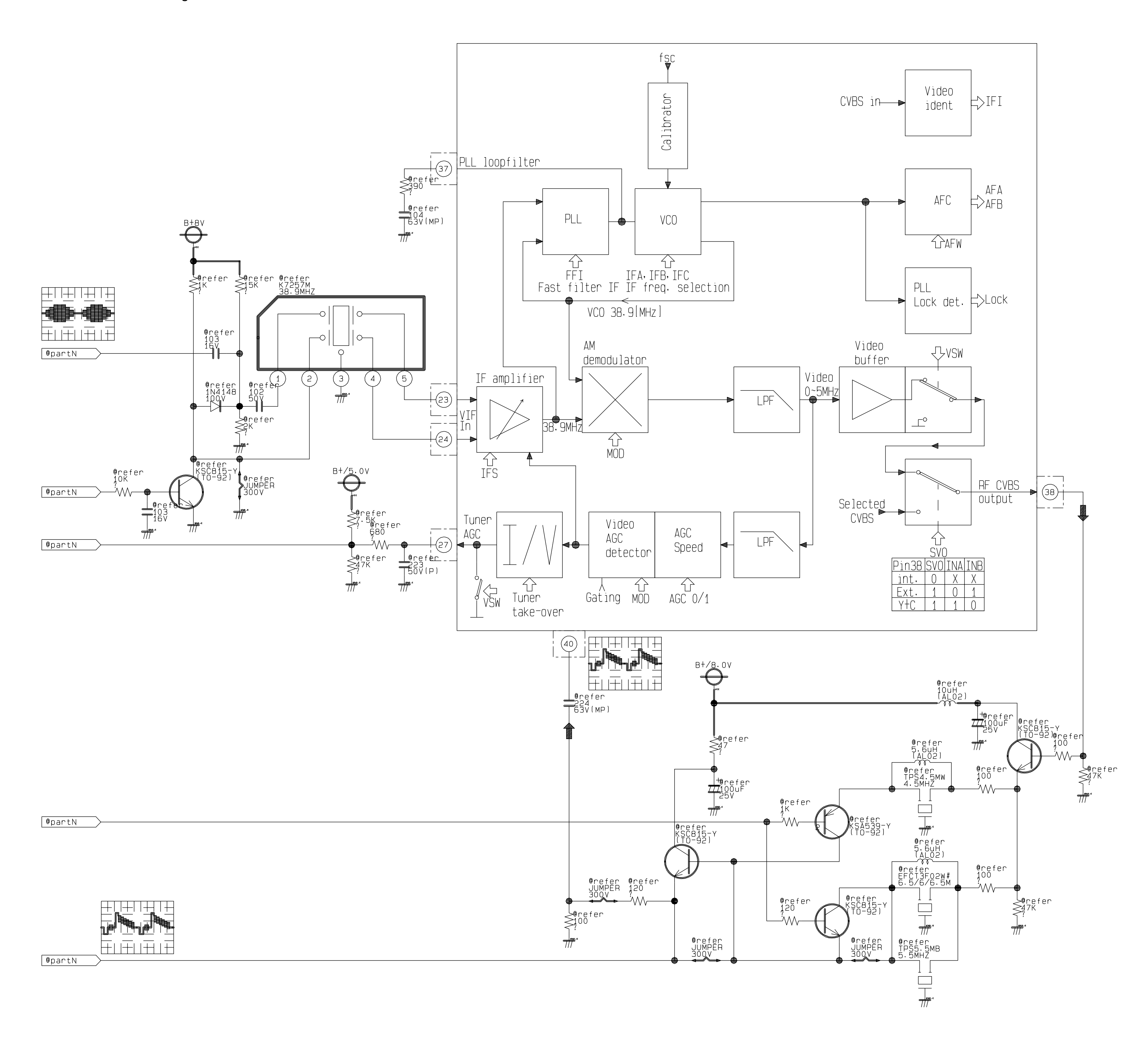
6-8 MAIN 8

MONO INTER-CARRIER MODEL

IC201S	TDA93xx
Rear Jack	SCART 21P
Audio	MONO
Color System	CZ



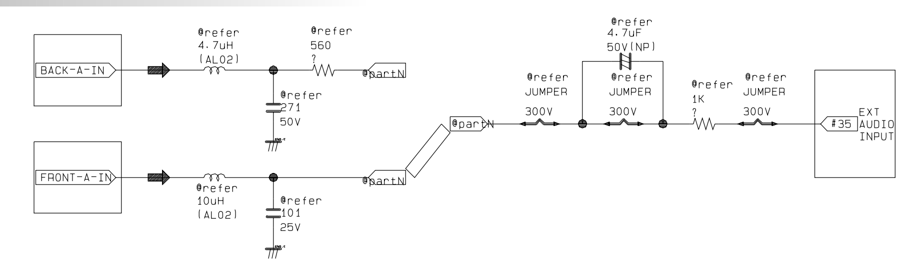
6-9 VIF BLOCK



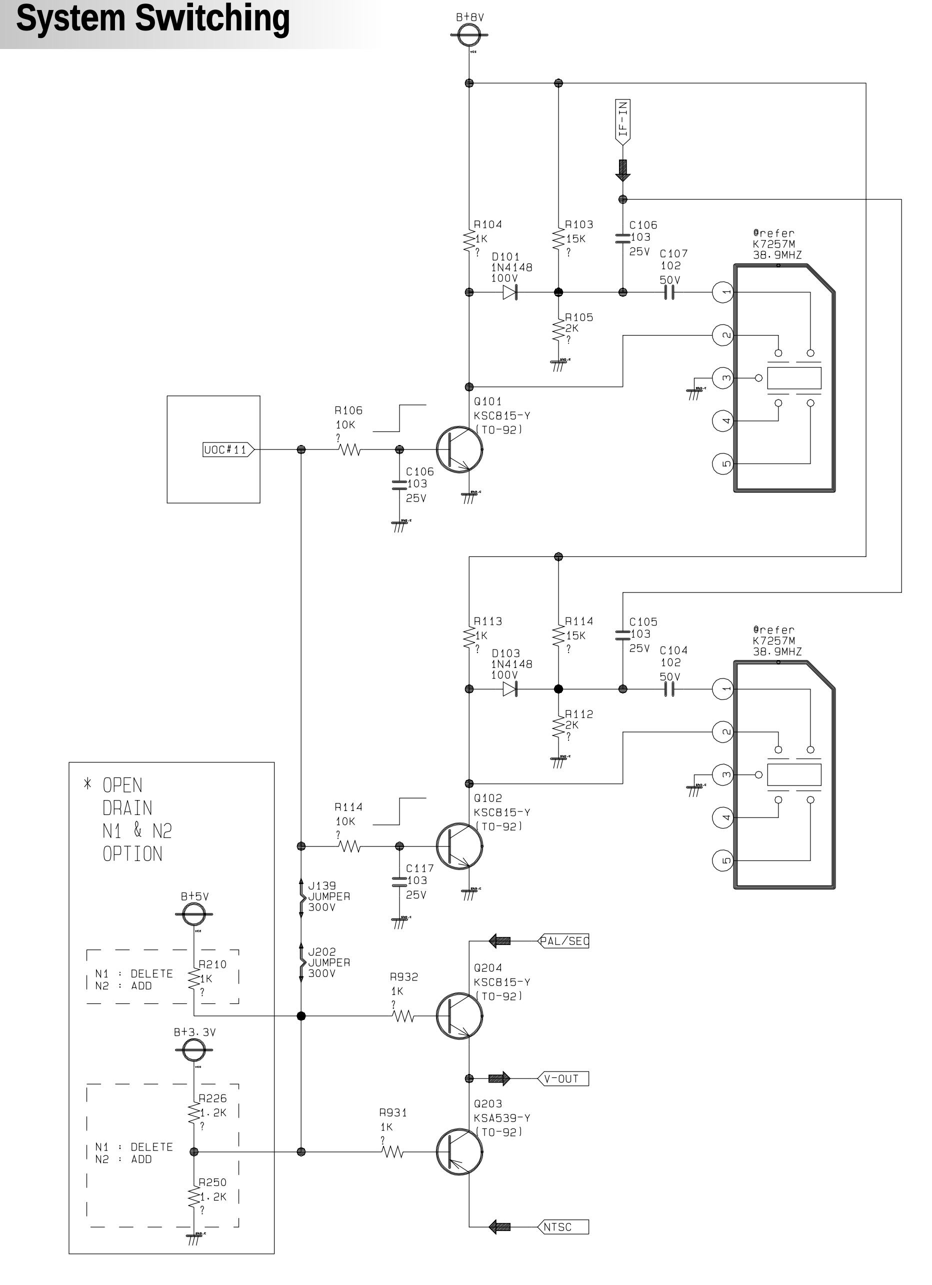
Pin38	SVO	INA	INB
int.	0	X	X
Ext.	1	0	1
Y+C	1	1	0

6-10 AUDIO SWITCHING, SYSTEM SWITCHING, SIF BLOCK

Audio Switching



System Switching



SIF Block

